

linkage disequilibrium with an IL-1B allele (+6912) in a nucleic acid from the subject, wherein detection of IL-1B allele 2 (+6912) or an allele in linkage disequilibrium with IL-1B allele 2 (+6912) indicates that the patient has an increased susceptibility for developing [a] the disease or condition[, which is caused by or contributed to by an inappropriately high level of IL-1 β].

2. **(Canceled).**

3. **(Amended)** A method of claim 2, wherein said inflammatory disease or condition [disorder] is selected from the group consisting of: coronary artery disease, osteoporosis, nephropathy in diabetes mellitus, alopecia areata, Graves disease, systemic lupus erythematosus, lichen sclerosis, ulcerative colitis, diabetic retinopathy, periodontal disease, juvenile chronic arthritis (e.g. chronic iridocyclitis), psoriasis, insulin dependent diabetes in DR 3/4 patients, asthma, chronic inflammatory liver disease, chronic inflammatory lung disease, lung fibrosis, liver fibrosis, rheumatoid arthritis and ulcerative colitis.

35. **(Amended)** An isolated nucleic acid which is comprised of between about 100 and about 7000 nucleotides of [a sequence represented in] SEQ ID. No.2 and contains a cytosine at a position [equivalent, relative to the surrounding sequence, to position 6912] corresponding to position 8845 of SEQ ID No.2.

37. **(Canceled).**

38. **(Canceled).**

39. (Canceled).


42. (Canceled).

If there are any other fees due in connection with the filing of this Response, please charge the fees to our Deposit Account No. 06-1448. If a fee is required for an extension of time under 37 C.F.R. §1.136 not accounted for above, such an extension is requested and the fee should also be charged to our Deposit Account.

Respectfully submitted,

FOLEY, HOAG & ELIOT

Dated: March 2, 2001



John D. Quisel
Reg. No. P-47,874
Agent for Applicants

Patent Group
Foley, Hoag & Eliot, LLP
One Post Office Square
Boston, MA 02109-2170
Tel.: (617) 832-1000
Fax: (617) 832-7000